

Workplace Alaska

Class Specification Habitat Biologist II

Created:
02/06/1998 by Rick Davis
Finalized on:

AKPAY Code: P6166
Class Outline Cat: B
Approved by:

Class Code: PH0122
Class Range: 16
Class Status: Active

Category: Professional
Original Date: 04/01/1974

Class Title: Habitat Biologist II
Use MJR Form: Standard

Original Comments:
ESTABLISHED

Subsequent Revision Dates/Comments:
02/16/77;
09/01/82 MQs.
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06/21/88 MQs.
11/15/96 Update; full revision (LMA/ncrago).
3/12/02 Audited (KGarrett)
01/15/2006 - Revised MQs (JDailey). Changed codes to agree with HB III/IV
09/25/2008 - Workplace AK spec revision: Added Census Job Code and AKPAY Code fields; Replaced Category field with Class Outline Category; Updated EEO4, SOC, and Class Code fields; Removed DOT field.

Last Update: **EEO4:** B **SOC:** 19-1023 **Census:** 02

Last Update Comments:

Definition:

Under general supervision, conduct review of private and public agency development plans for impacts to fish and wildlife resources, habitats, and public use of, and access to, fish and wildlife; and apply fish and wildlife resource and habitat data to permitting, project review, and land use planning and conveyance processes. Identify, plan, and develop protection or restoration strategies for fish and wildlife habitats in need of protection or restoration and coordinate development of department position statements on resource development projects.

Distinguishing Characteristics:

This is the full performance level of the series. Duties focus on the application of biological principles in the permitting, project review, and land conveyance and planning processes to minimize negative impacts to fish and wildlife resources, habitats, and public use of, and access to, fish and wildlife. Assignments may not have clearly defined objectives and may require modification or adaptation of standard methodologies, analytical techniques, processes and procedures to devise strategies and plans to resolve problems. While overall or general project goals, objectives and deadlines are established by the supervisor, incumbents assist with planning and implementing assignments by selecting appropriate techniques and methodologies by determining approaches, and by resolving problems and assigning and coordinating the work with others. Incumbents may be delegated departmental signature authority and may prepare and issue Fish Habitat Permits and Special Area Permits.

This level is distinguished from Habitat Biologist I by the complexity of the projects, geographic scope, and the increased responsibility for designing and implementing project plans, making modifications to the objectives, methods and techniques to be used, and delegation of departmental signature authority.

Examples of Duties:

Develop recommendations regarding effects of development, land use, and resource extraction projects on fish and wildlife resources, habitats, and public use of, and access to, fish and wildlife (e.g., timber, mineral, and oil and gas sales, gravel removal, tideland development, transportation projects, and hydroelectric and seismic programs).

Obtain baseline data and review environmental documents for proposed highways, pipelines, harbors, and other construction projects, and assess damage caused by natural or industrial disasters.

Review permit applications and issue Fish Habitat Permits and Special Area Permits. Review other agency permit applications and recommend conditions or stipulations for the protection of fish and wildlife resources and their habitat.

Conduct pre- and post-permit site inspections of projects to monitor compliance with permit stipulations, and to initiate appropriate enforcement actions. Investigate reported violations. Recommend mitigation actions, criminal charges, and penalties for violations.

Obtain and provide fish and wildlife resource and habitat data to federal, state, and local agencies to develop permit and project decisions.

Write technical reports and division publications including preliminary reports and project summaries. Edit reports written by others.

Prepare reports and position statements on specific development plans, land conveyances, and land use proposals.

Meet with the public and explain stream protection and special area regulations and permit procedures.

Monitor activities on state game refuges and critical habitat areas and respond to requests for information regarding those areas. Identify and recommend habitat enhancement or restoration needs on refuges and other high-use areas that are important for fish and wildlife, or for public access to and use of them.

Assist with broad, long-range project planning and implementation activities.

Identify, locate, and mark public access to fish and wildlife resources.

Prepare written reports of work accomplished, including tables, maps, and other figures.

May work in remote locations.

May supervise professional or technical support staff.

Knowledge, Skills and Abilities:

Considerable knowledge of basic scientific methods and techniques for biological research and reporting.

Considerable knowledge of fish and wildlife species, habitat requirements, and ecological relationships.

Working knowledge of habitat protection and restoration strategies; issues, problems, and research techniques and objectives and policies, procedures, statutes and regulations affecting the conservation, protection and restoration of fish and wildlife habitat.

Working knowledge of related disciplines such as forestry, range or grassland management, hydrology or limnology, and familiarity with general construction practices as they apply to fish and wildlife habitat issues.

Working knowledge of federal and state statutes, regulations and policies, related to protection of fish and wildlife habitat and/or public access (e.g., Alaska Statute Titles 12, 16, and 41, 6 AAC 50-80 and 5 AAC 95).

Some knowledge of personnel supervision and training practices and techniques.

Ability to monitor projects or land transfers for compliance with fish and wildlife habitat related statutes, regulations and permit requirements.

Ability to set goals and priorities, monitor progress and adjust resources to accomplish objectives.

Ability to communicate effectively, both orally and in writing, with staff and the public.

Ability to lead others and to work as a member of a team.

Ability to organize, analyze and evaluate data. Familiarity with computers, including database and spreadsheet software.

Ability to use statistics, maps and charts as analytical tools and to present information in clear and concise written reports.

Ability to perform under stressful circumstances and complete work in abbreviated timeframes.

Ability to operate boats, motors, all-terrain vehicles, cameras, electrofishers and other scientific equipment, and fly on small aircraft including helicopters.

Minimum Qualifications:

A bachelor's degree from an accredited college in biology, a branch of biology, limnology, biometrics, oceanography, forestry or natural resource management.

AND

One year of professional level biologist experience, specific to land use permitting, project reviews or impact assessment of resource development on fish and wildlife habitat. The required professional biologist work experience is met by service as a Habitat Biologist I, Fishery Biologist I, or Wildlife Biologist I with the State of Alaska or the equivalent with another employer.

Substitutions: A bachelor's degree from an accredited college, which includes or is supplemented by at least 24 semester hours or 36 quarter hours in the fields listed above, of which 16 semester hours or 24 quarter hours are course work bearing course numbers of 300 or higher. There is no substitution for the required experience.

A master's degree from an accredited college in biology, a branch of biology, limnology, biometrics, oceanography, forestry or natural resource management, will substitute for the required work experience.

Required Job Qualifications:

(The special note is to be used to explain any additional information an applicant might need in order to understand or answer questions about the minimum qualifications.)

Special Note:**Minimum Qualification Questions:**

Do you have a bachelor's degree from an accredited college in biology, a branch of biology, limnology, biometrics, oceanography, forestry or natural resource management?

AND

Do you have one year of professional level biologist experience, specific to land use permitting, project reviews or impact assessment of resource development on fish and wildlife habitat. The required professional biologist work experience is met by service as a Habitat Biologist I, Fishery Biologist I, or Wildlife Biologist I with the State of Alaska or the equivalent with another employer?

Or Substitution:

Do you have a bachelor's degree from an accredited college, which includes or is supplemented by at least 24 semester hours or 36 quarter hours in the fields listed above, of which 16 semester hours or 24 quarter hours are course work bearing course numbers of 300 or higher?

AND

Do you have one year of professional level biologist experience, specific to land use permitting, project reviews or impact assessment of resource development on fish and wildlife habitat. The required professional biologist work experience is met by service as a Habitat Biologist I, Fishery Biologist I, or Wildlife Biologist I with the State of Alaska or the equivalent with another employer?

OR

Do you have a master's degree from an accredited college in biology, a branch of biology, limnology, biometrics, oceanography, forestry or natural resource management?